



Starter

Name: _____

Per. _____

1. Complete the ratio table.

x	8	16	24	32	40
y	24				

4. Decide whether the table shows a proportional relationship between **a** and **b**.

a	1	2	3	4
b	42	60	78	96

2. Decide whether the table shows a proportional relationship between x and y.

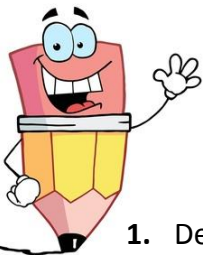
x	4	5	7	8
y	16	25	49	64

3. You read 29 pages in 45 minutes, how many pages will you read in an hour?

5. The amount of time Carlos spends studying and his test scores have a proportional relationship.

Complete the table.

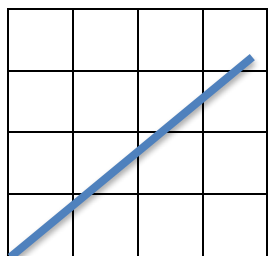
Hours Studying	2	3	
Test Score	40		80
Ratio $\frac{\text{Test Score}}{\text{Hours Studying}}$	$\frac{20}{1}$		



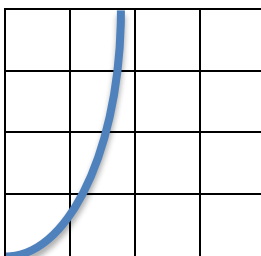
2.2 Practice

1. Determine if the graph shows a proportional relationship. Write yes if it is proportional, no if not.

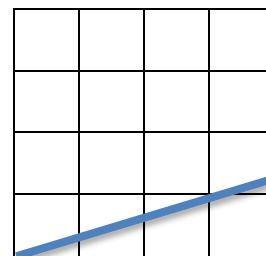
a. Graph 1



b. Graph 2

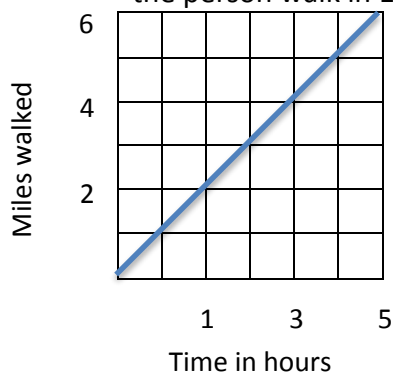


c. Graph 3



2. Does the equation $y = 2x + 3$ show a proportional relationship between x and y? Explain.

3. The graph shows a proportional relationship between time and distance walked in miles. How many miles does the person walk in 1 hour?



4. The graph shows a proportional relationship between cups of cereal and cups of milk. How many cups of milk do you need for 2 cups of cereal?

